

*A QUICK-PIN BLADE TENSIONING DEVICE*

ABSTRACT

[0030] A quick-pin blade tensioning device for a band saw comprises a sliding tension bracket coupled with an upper arm of the band saw. The sliding tension bracket engages an upper band wheel which has a band saw blade coupled to it. A lifting shoe, slidably disposed within the upper arm, imparts movement to the sliding tension bracket. A pin moves the lifting shoe through rotational movement of the pin imparted by a coupling with a tension crank. The tension crank, disposed within the upper arm, has rotational movement imparted to it through a coupling with a tension handle enabled with multiple positions.